



WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

COLOCKUM WILDLIFE AREA ROAD RENOVATIONS KS:R11:14-2

INDEX

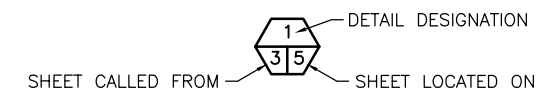
SHEET NO.

1. COVER SHEET
2. VICINITY MAPS
3. EXISTING SITE PLANS
4. EXISTING SITE 1 PLAN AND PROFILE
5. SITE 1 PLAN AND PROFILE
6. EXISTING SITE 2 PLAN AND NEW FORD PROFILE
7. EXISTING AND NEW SITE 3 PLAN AND PROFILES
8. SITE 4 PLAN AND PROFILES
9. DETAILS

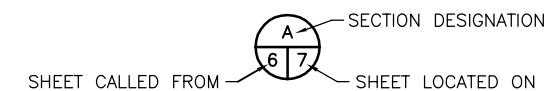
ABBREVIATIONS

ALUM	-	ALUMINUM
L	-	ANGLE
APPROX.	-	APPROXIMATELY
BM	-	BENCH MARK
CL	-	CENTERLINE
CLR.	-	CLEARANCE
CMP	-	CORRUGATED METAL PIPE
CONC	-	CONCRETE
CSBC	-	CRUSHED SURFACE BASE COURSE
CSTC	-	CRUSHED SURFACE TOP COURSE
Ø	-	DIAMETER
ELEV	-	ELEVATION
F.B.	-	FLAT BAR
FTG	-	FOOTING
GALV	-	GALVANIZED
GA.	-	GAUGE
HSS	-	STRUCTURAL TUBING
ID	-	INSIDE DIAMETER
IE	-	INVERT ELEVATION
LG	-	LONG
MFG.	-	MANUFACTURER'S
MISC.	-	MISCELLANEOUS
OC	-	ON CENTER
OD	-	OUTSIDE DIAMETER
PL	-	PLATE
PT	-	PRESSURE TREATED
REQ'D	-	REQUIRED
SEC.	-	SECTION
S.F.	-	SQUARE FEET
SHT.	-	SHEET
TYP	-	TYPICAL
W.S.	-	WATER SURFACE

SHEET SYMBOLS



DETAIL



SECTION

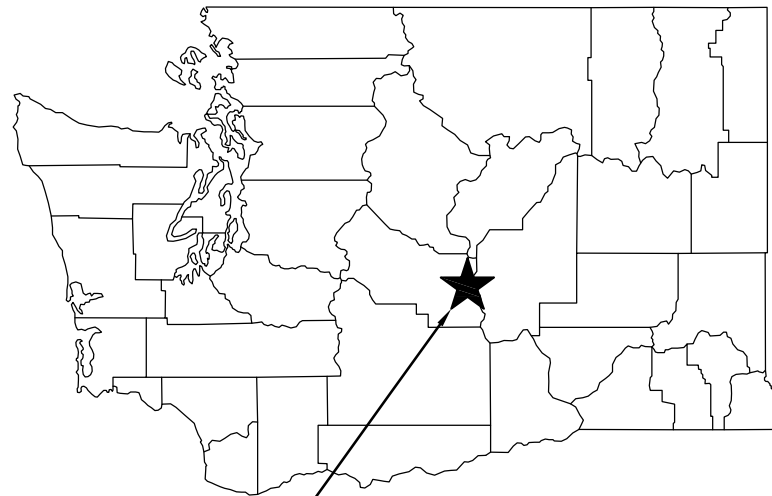


NOTE REFERENCE

REFERENCE DESIGNATION TO NOTE
OR A PART OR MATERIAL IN A
SCHEDULE/TABLE

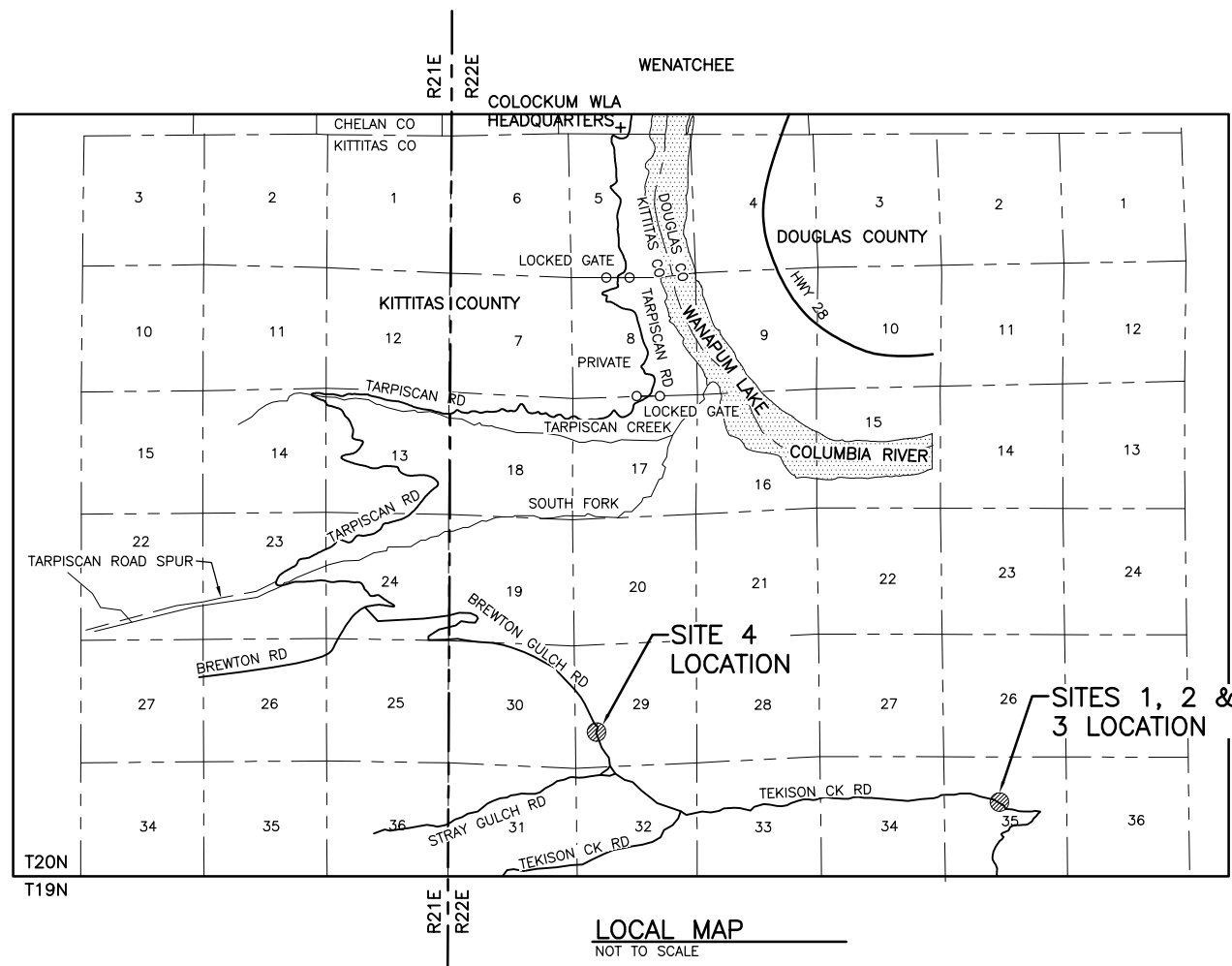
PROJECT NO.
KS:R11:14-2

SHEET	OF
1	9

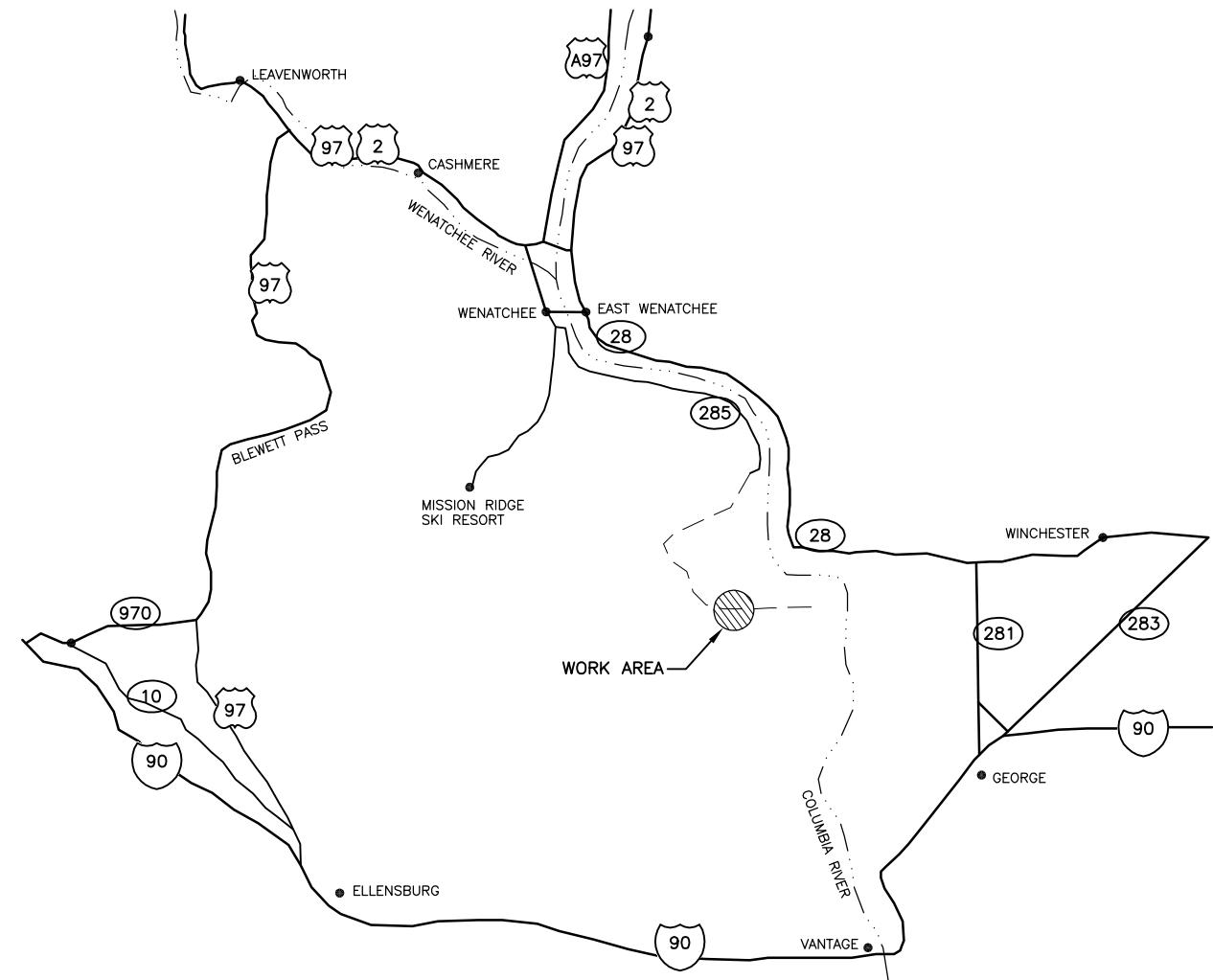


PROJECT
LOCATION

STATE MAP
NOT TO SCALE



LOCAL MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

DIRECTIONS TO WILDLIFE
AREA HEADQUARTERS;
DRIVE SOUTH FROM WENATCHEE ON
THE MALAGA/ALCOA HWY TO THE
JUNCTION OF THE COLOCKUM ROAD
AND THE TARPISCAN ROAD.
FROM THE WILDLIFE AREA
HEADQUARTERS, HEAD SOUTH ON
TARPISCAN ROAD TO BREWTON
GULCH RD AND SITE 3 FOLLOW
ROAD TO TEKISON CK RD TO SITES
1 AND 2.

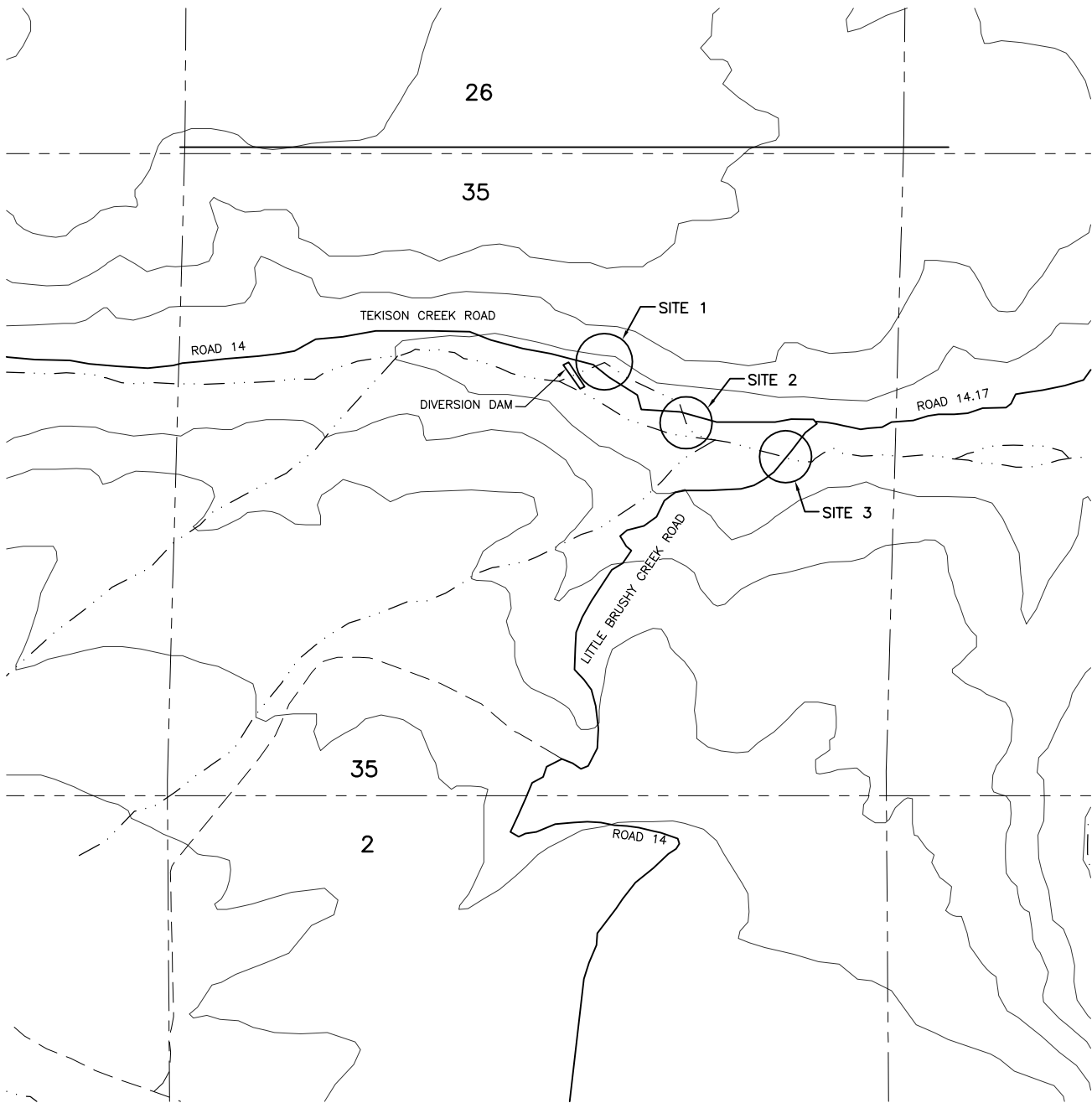
WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE

0 1"		BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS	
SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER		DATE:	DESIGNED BY K.KUYKENDALL
PROGRAM		DATE:	CHECKED BY
		DATE:	DRAWN BY R.ENGELHARDT
		DATE:	DATE:

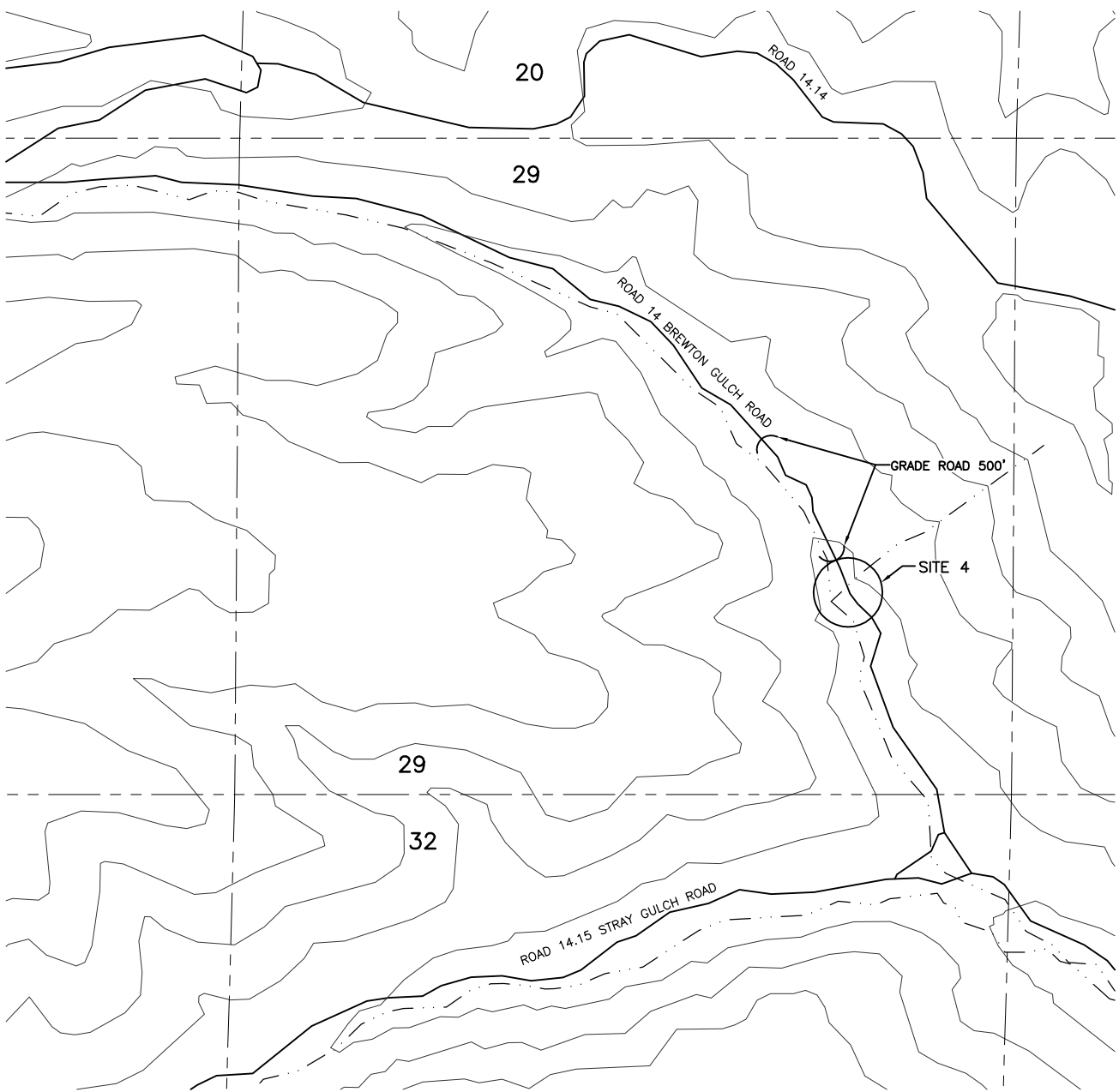
COLOCKUM WILDLIFE AREA
ROAD RENOVATIONS
VICINITY MAPS

PROJECT NO.
KS:R11:14-2

SHEET	OF
2	9



SITES 1, 2 & 3
NOT TO SCALE



SITE 4
NOT TO SCALE

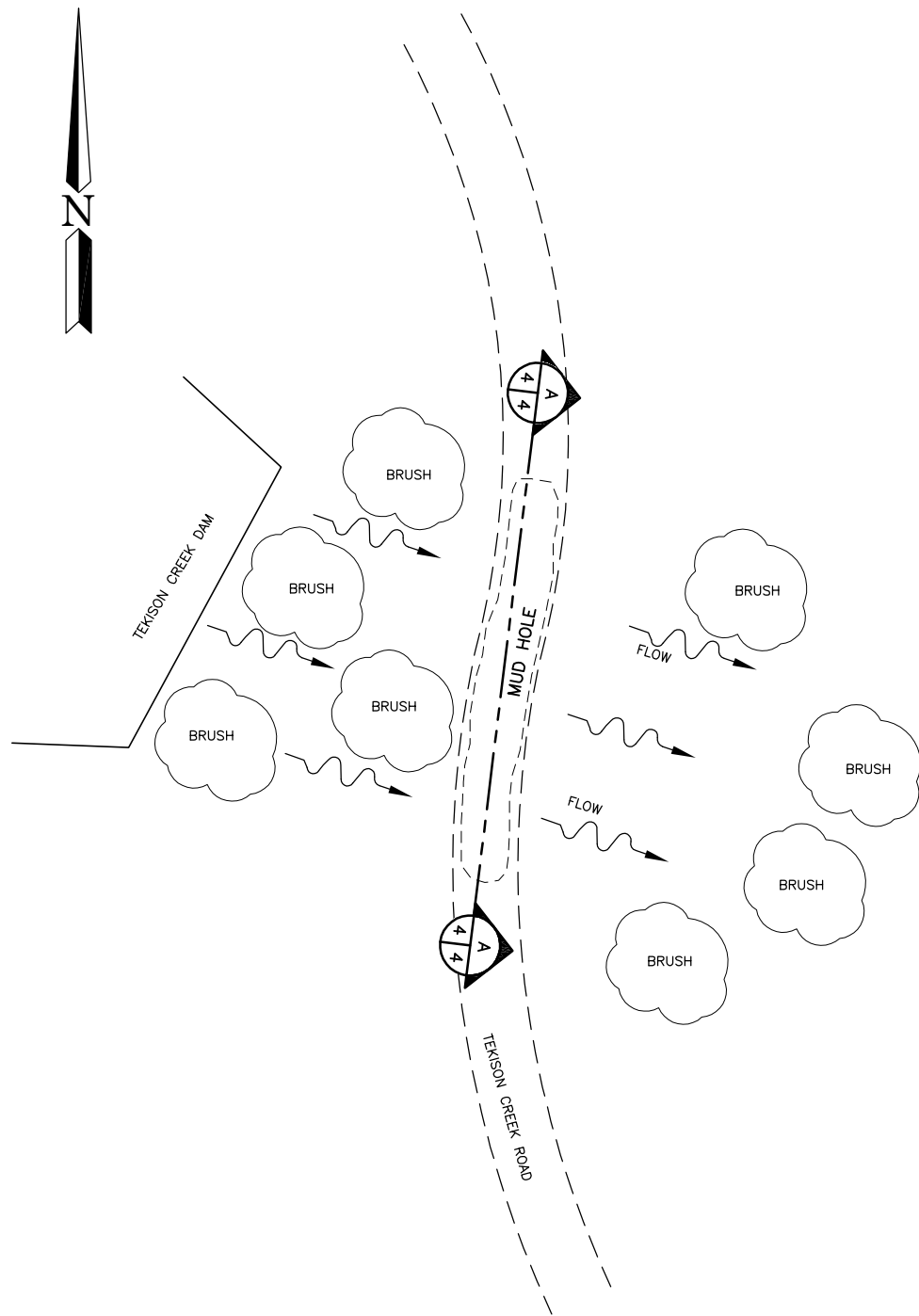
LEGEND	
SECTION LINE	---
STREAM	-.-.-
ROAD	---
CONTOUR LINE	---
TRAIL	---

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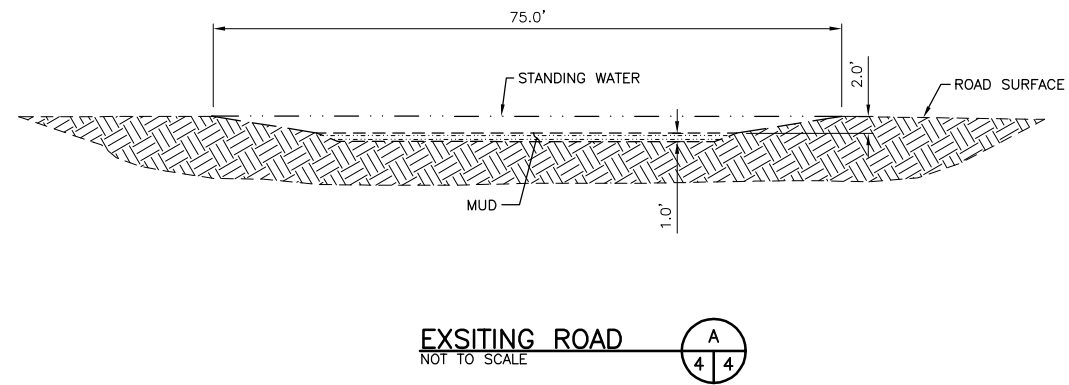
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PROGRAM		DATE:	CHECKED BY
		DATE:	DRAWN BY R.ENGELHARDT
		DATE:	DATE

COLOCKUM WILDLIFE AREA
ROAD RENOVATIONS
EXISTING SITE PLANS

PROJECT NO.
KS:R11:14-2
SHEET 3 OF 9



EXISTING SITE PLAN
NOT TO SCALE



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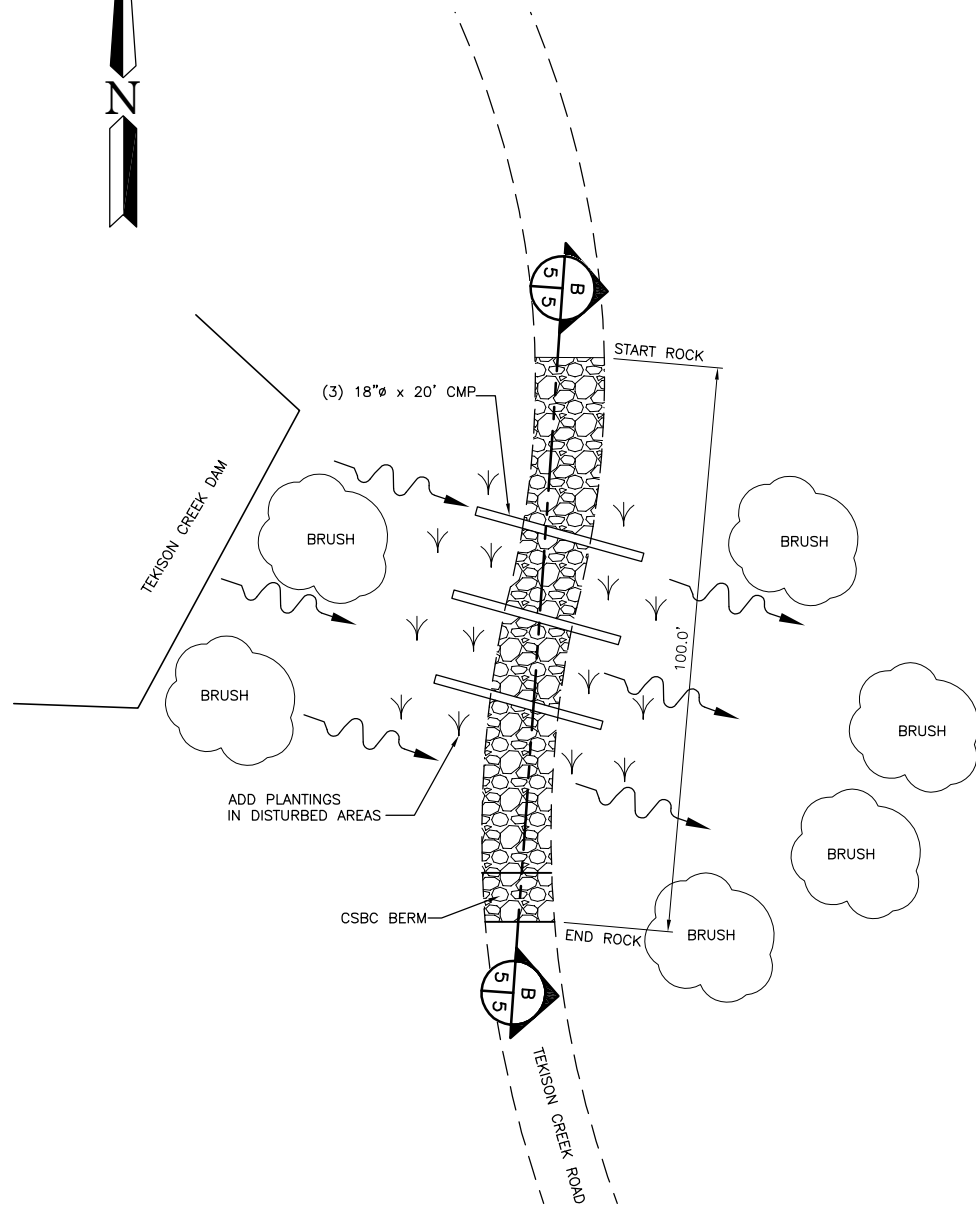
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					DATE

COLOCKUM WILDLIFE AREA

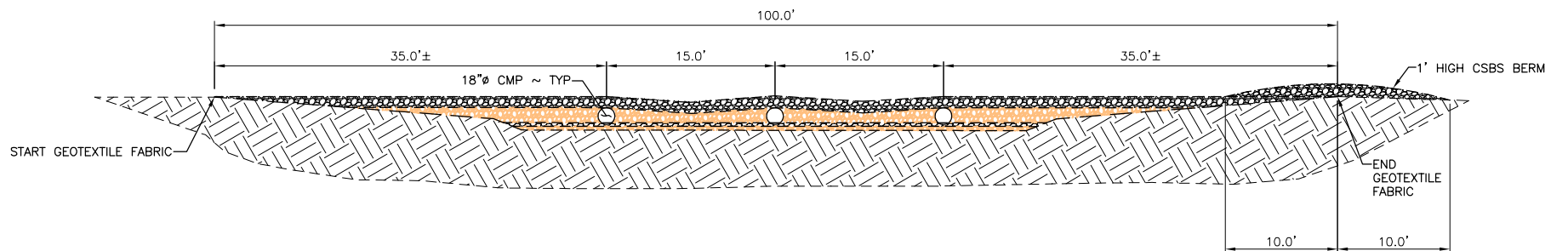
ROAD RENOVATION
EXISTING SITE 1 PLAN
AND PROFILE

PROJECT NO.
KS:R11:14-2

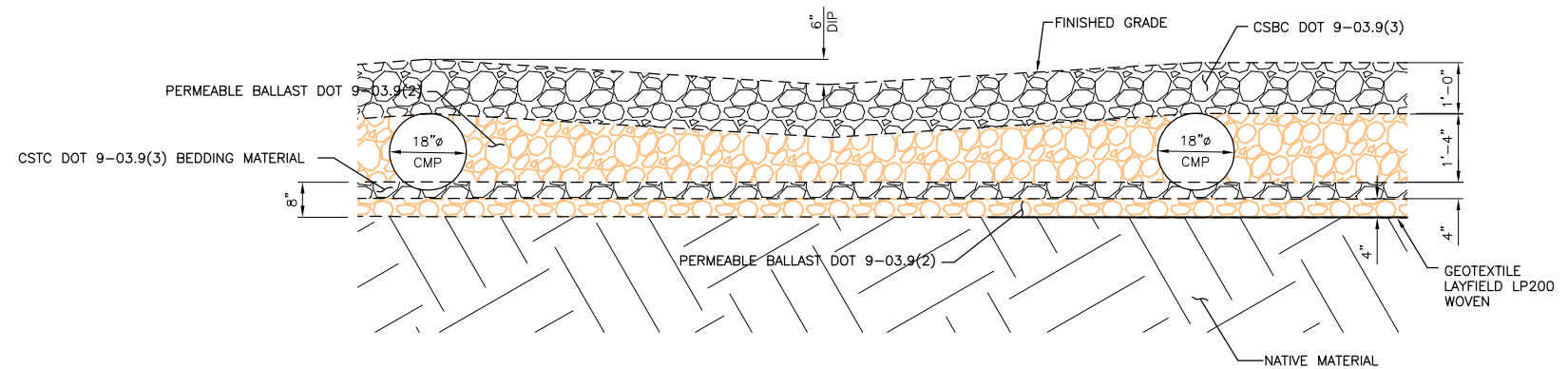
SHEET	OF
4	9



SITE PLAN
NOT TO SCALE



ROAD SECTION
NOT TO SCALE



CULVERT DETAIL
NOT TO SCALE

APPROX. QUANTITIES cuyd	
MATERIAL	FILL
BALLAST	35
CSBC	37

- NOTES:**
- BEDDING FOR CULVERT SHALL BE TWICE THE WIDTH OF THE CULVERT DIAMETER.
 - PROJECT TO BE FLAGGED BY PROJECT ENGINEER/MANAGER.
 - NEW SURFACES TO BE COMPACTED

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0	1"
BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS	
SYM	DATE
REVISION DESCRIPTION	
BY	
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CHIEF ENGINEER	
PROGRAM	
DESIGNED BY K.KUYKENDALL	
CHECKED BY	
DRAWN BY R.ENGELHARDT	
DATE	

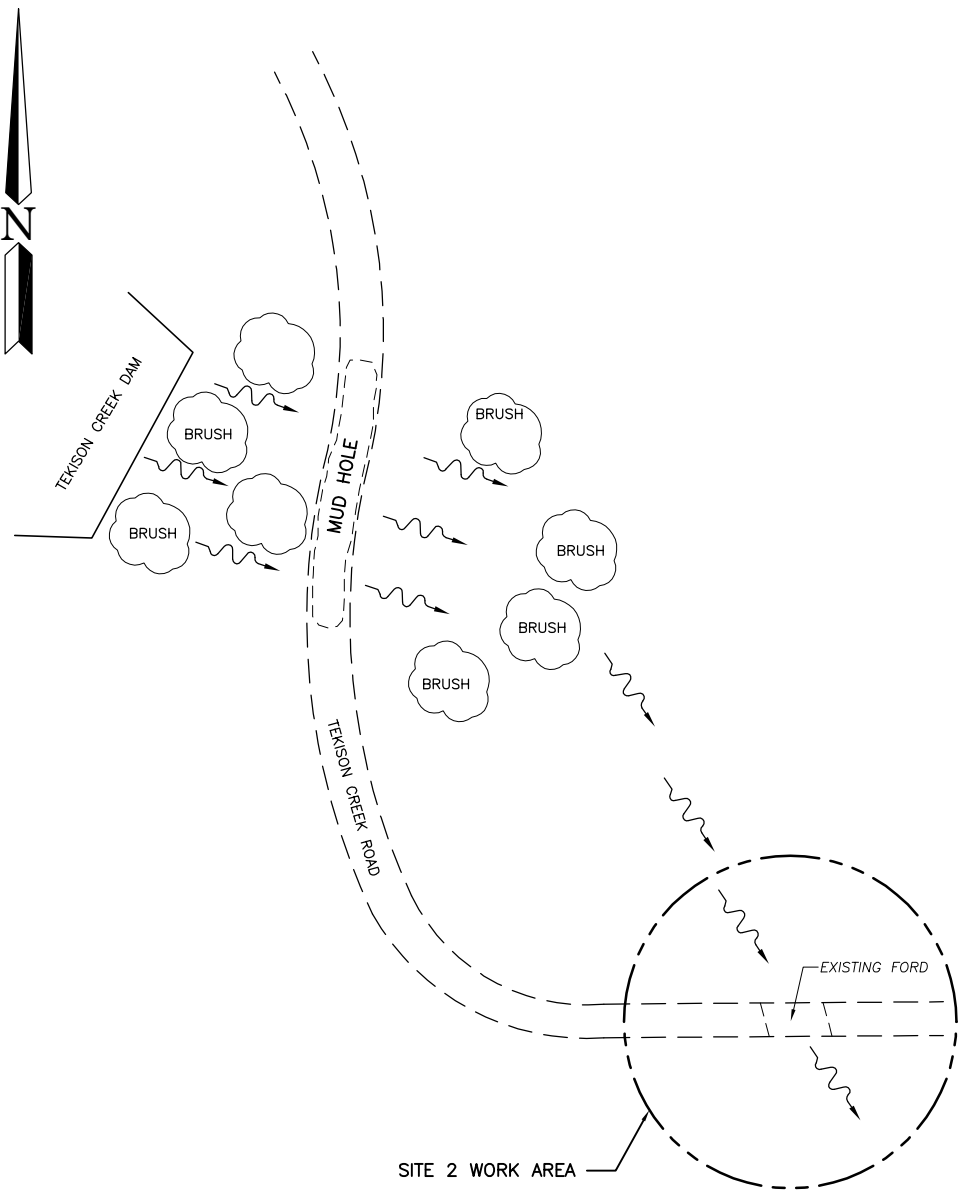
COLOCKUM WILDLIFE AREA
ROAD RENOVATION
SITE 1 PLAN
AND PROFILE

PROJECT NO. KS:R11:14-2	
SHEET	OF
5	9

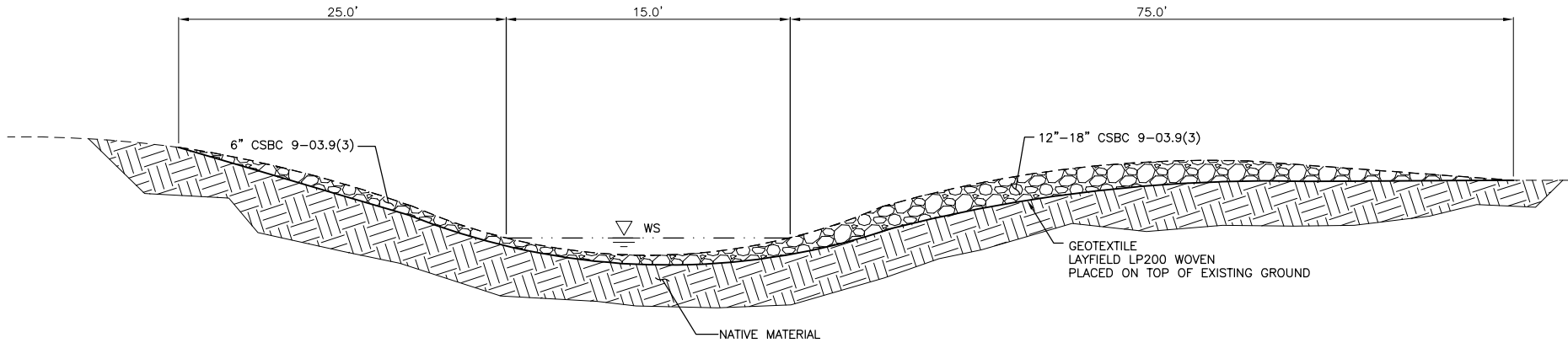
APPROX. QUANTITIES cuyd	
MATERIAL	FILL
CSBC	35

NOTES:

- PROJECT TO BE FLAGGED BY PROJECT ENGINEER/MANAGER.
- NEW SURFACES TO BE COMPACTED



EXISTING SITE 2 PLAN
NOT TO SCALE



NEW FORD PROFILE
NOT TO SCALE

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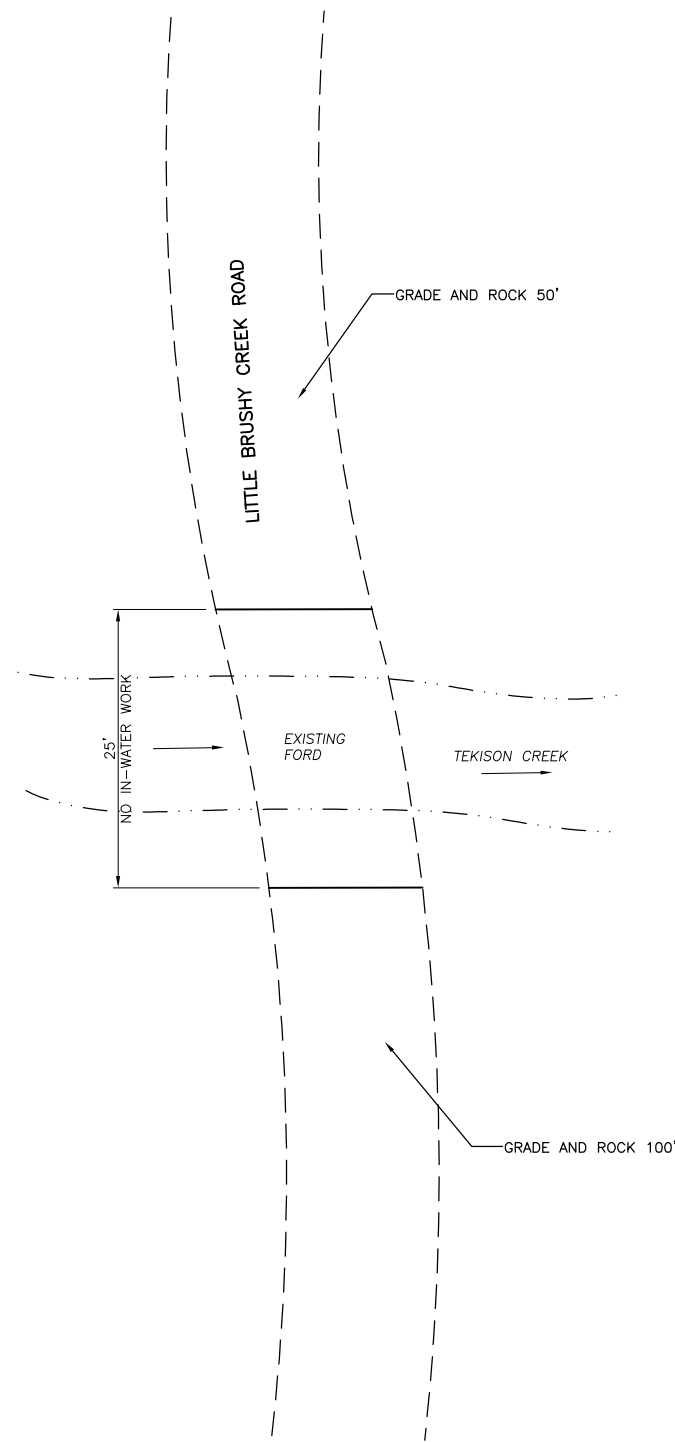
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PROGRAM			DATE:		DRAWN BY R.ENGELHARDT
					DATE

COLOCKUM WILDLIFE AREA

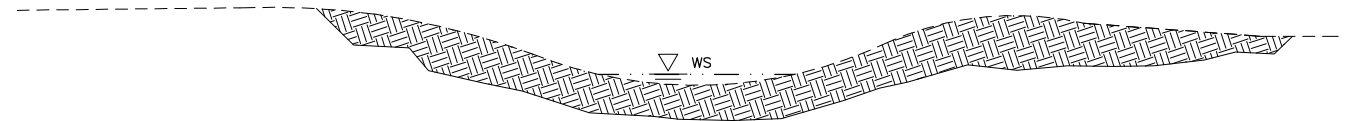
ROAD RENOVATION
EXISTING SITE 2 PLAN
AND NEW FORD PROFILE

PROJECT NO.
KS:R11:14-2

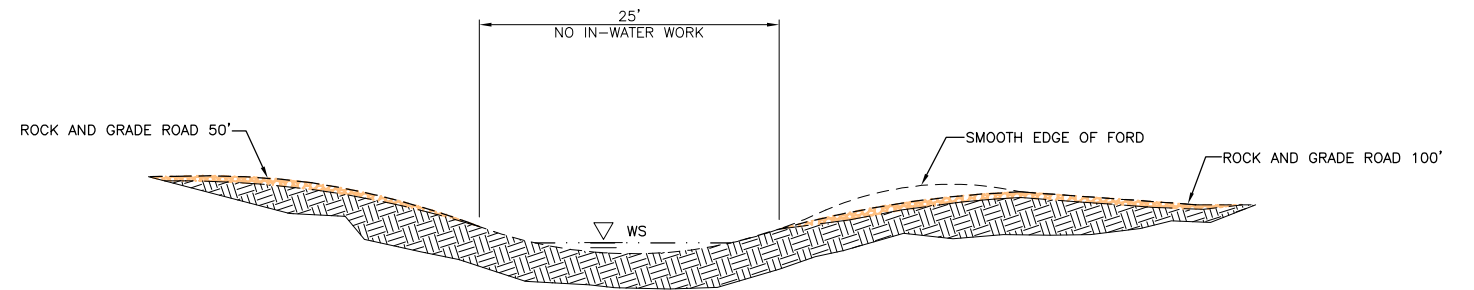
SHEET	OF
6	9



SITE PLAN
NOT TO SCALE



EXISTING PROFILE
NOT TO SCALE



PROFILE
NOT TO SCALE

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					0 1" BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS
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APPROVED AND RELEASED FOR CONSTRUCTION				CHECKED BY	
CHIEF ENGINEER				DRAWN BY	R.ENGELHARDT
PROGRAM				DATE	

COLOCKUM WILDLIFE AREA

ROAD RENOVATION

SITE 3 PLAN
AND PROFILES

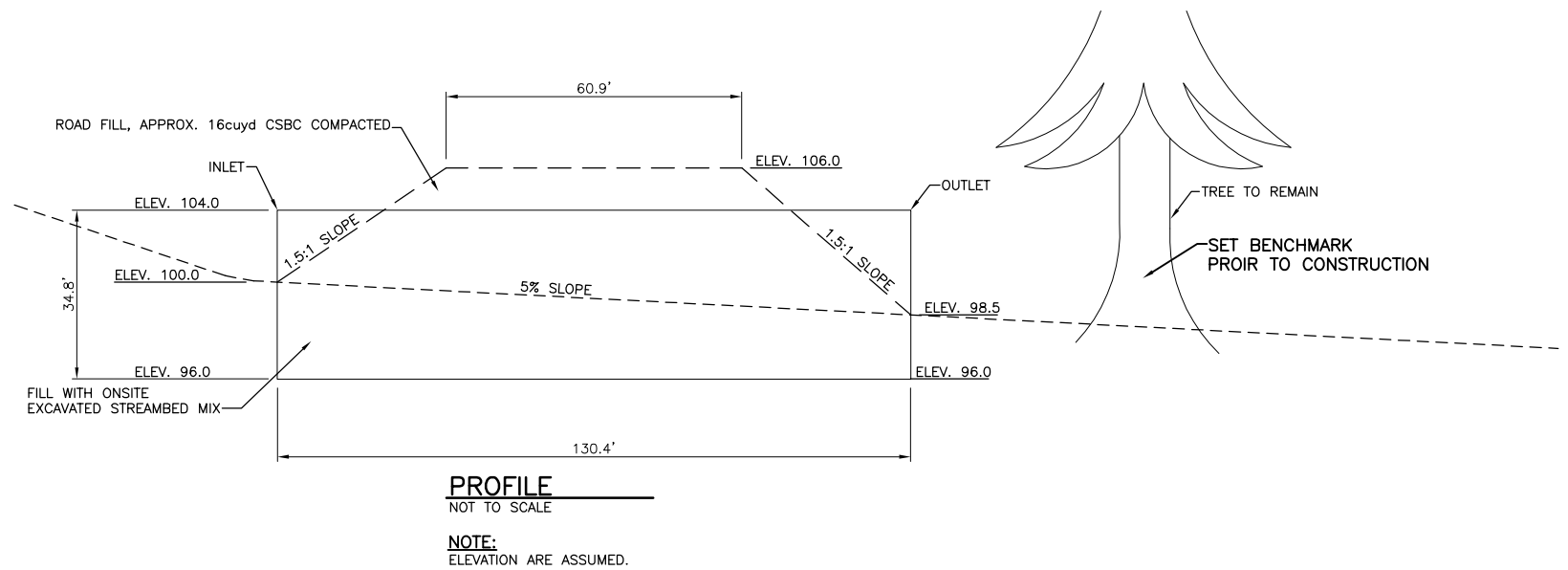
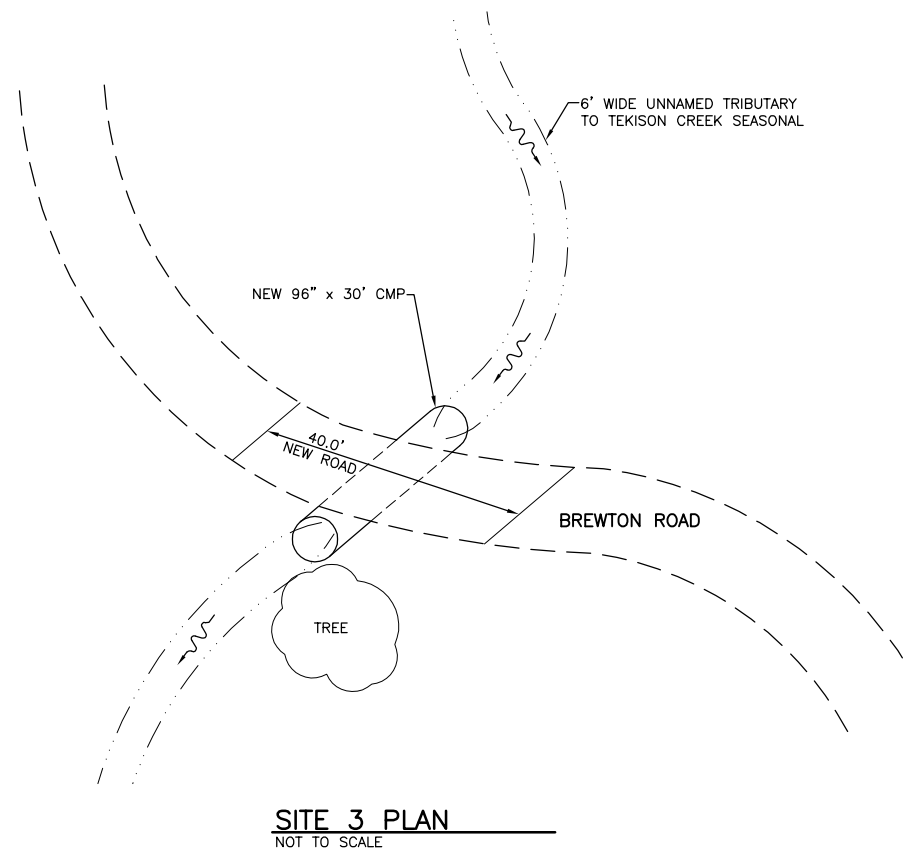
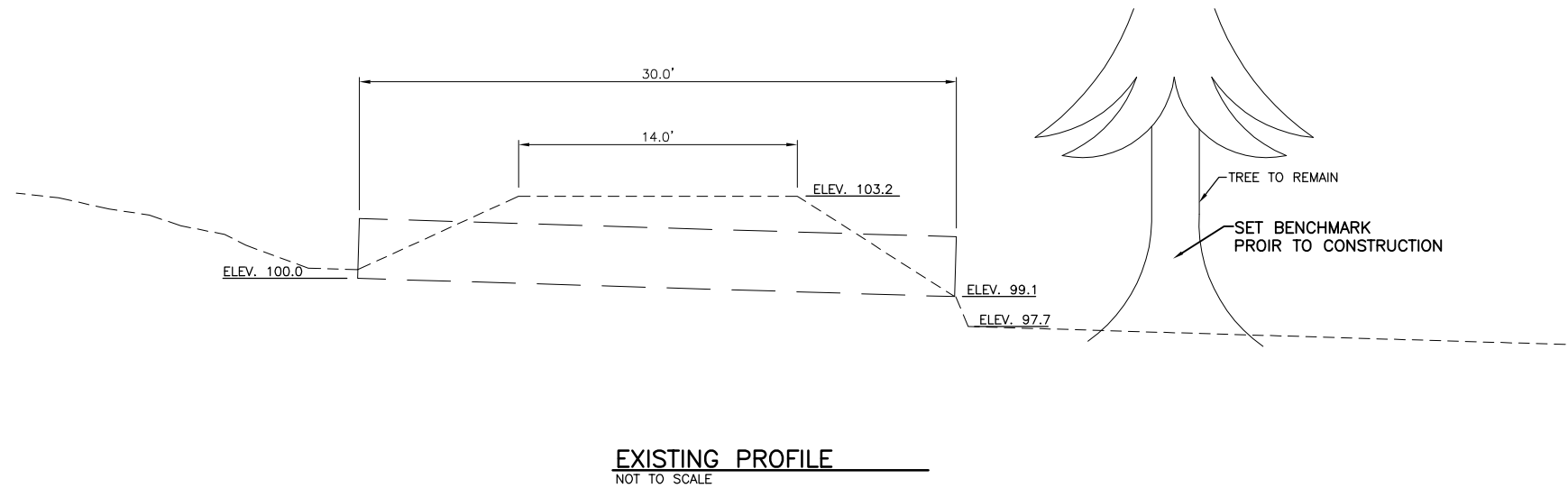
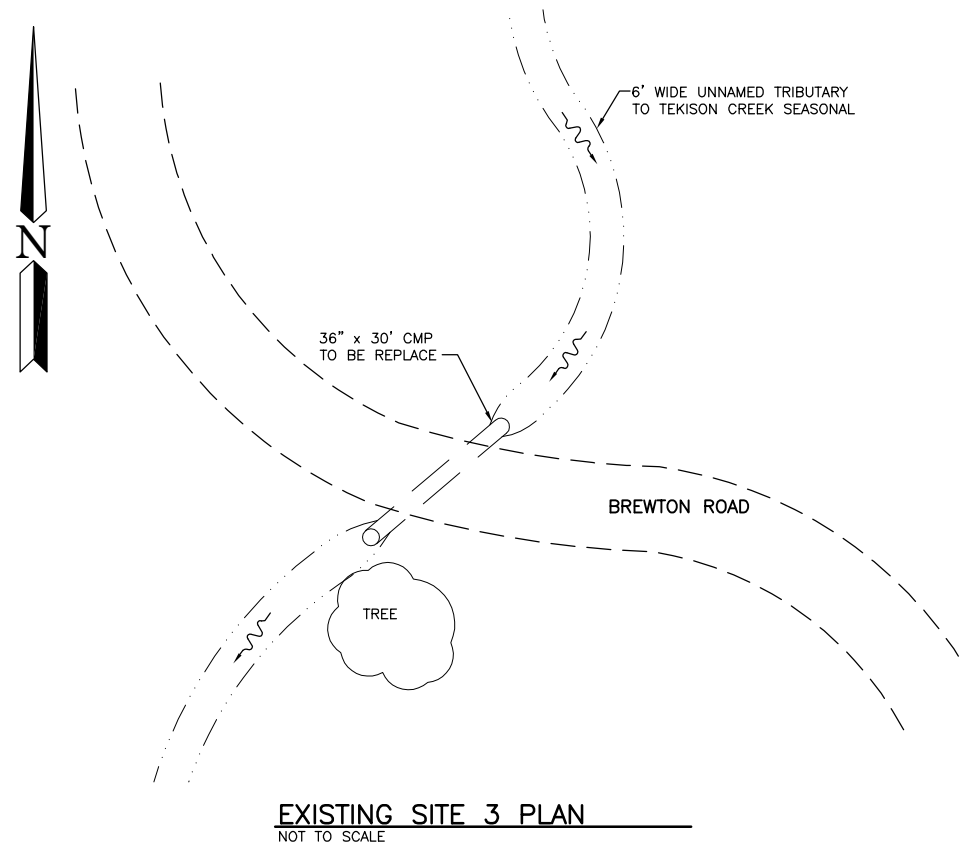
PROJECT NO.
KS:R11:14-2

SHEET
7

OF
9

- NOTES:
1. PROJECT TO BE FLAGGED BY PROJECT ENGINEER/MANAGER.

2. NEW SURFACES TO BE COMPACTED

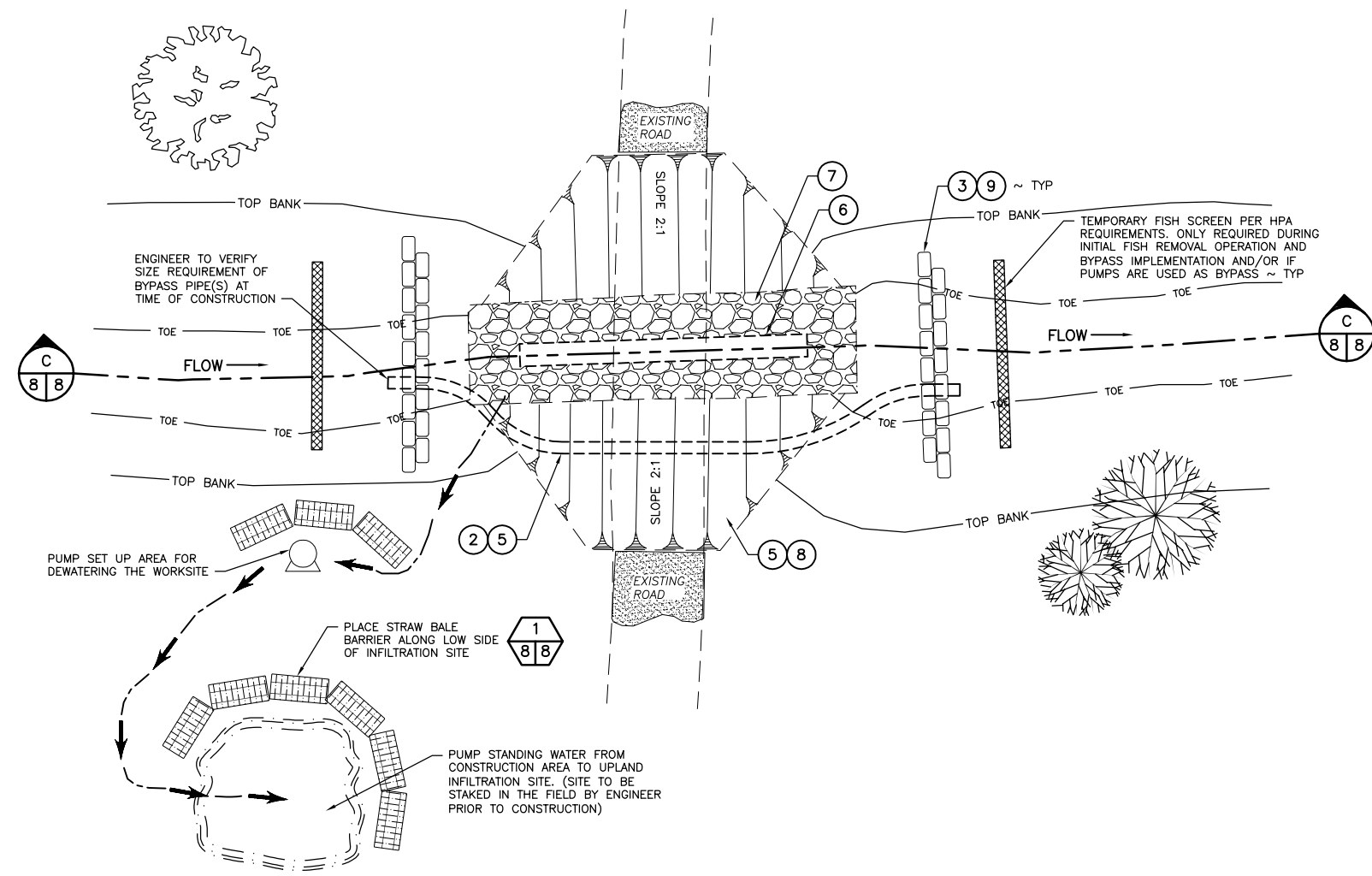


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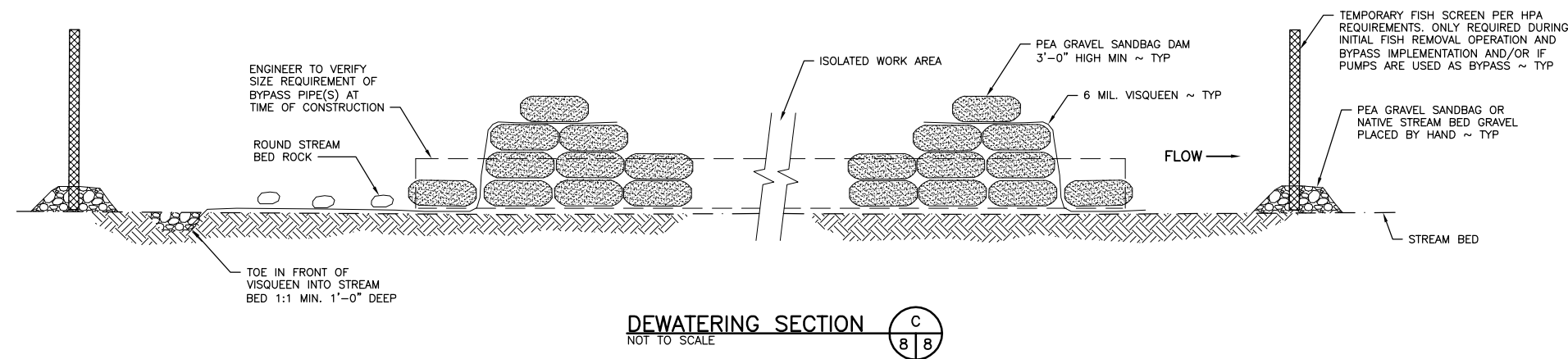
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DRAWN BY R.ENGELHARDT			DATE		

COLOCKUM WILDLIFE AREA
ROAD RENOVATION
EXISTING SITE 4 PLAN
AND NEW FORD PROFILE

PROJECT NO.
KS:R11:14-2
SHEET
8
OF
9



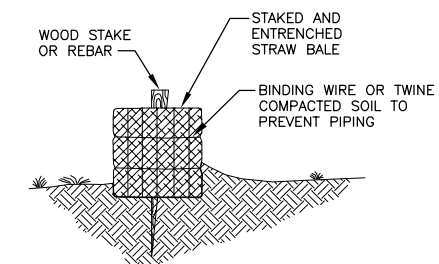
DEWATERING PLAN
NOT TO SCALE



DEWATERING SECTION
NOT TO SCALE

DEWATERING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH HPA.
2. DURING CONSTRUCTION (IF WATER IS PRESENT) STREAM FLOW SHALL BE DIVERTED THROUGH BYPASS PIPE. IF HIGH FLOW, 2 BYPASS PIPES MAY BE NEEDED, AND/OR THE USE OF A PUMP.
3. PLACE BAGS FILLED WITH PEA GRAVEL TO SEAL BYPASS INLET AND OUTLET.
4. FISH REMOVAL SHALL OCCUR BEFORE WORK AREA IS DEWATERED.
5. BYPASS SHALL BE APPROVED BY ENGINEER PRIOR TO EXCAVATION.
6. EXCAVATE WORK SITE.
7. PLACE NEW BED MATERIAL MIX AND REMOVE BYPASS PIPE(S)/PUMP.
8. COVER ALL EXPOSED SOIL WITH STRAW MULCH AND GRASS SEED.
9. REMOVE SANDBAGS AND FISH SCREENS BY HAND.



STRAW BALE
NOT TO SCALE

NOTE:

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE ON THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. THE BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE A MINIMUM OF 4 INCHES. BACKFILL SOIL SHALL CONFORM TO THE GROUND LEVEL ON THE DOWNHILL SIDE AND SHALL BE BUILT UP 4 INCHES AGAINST THE UPHILL SIDE OF THE BARRIER. EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST 2 STAKES OR REBAR DRIVEN THROUGH THE BALE. THE GAP BETWEEN THE BALES SHALL BE CHINKED (FILLED BY WEDGING) WITH STRAW TO PREVENT WATER FROM ESCAPING BETWEEN THE BALES.

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								0	1"
								BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS	
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								DATE	

COLOCKUM WILDLIFE AREA
ROAD RENOVATION
DETAILS

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SHEET
9
OF
9